

DIGITAL ASSET USAGE ACCOUNTABILITY VIA EVENT JOURNALING

ABSTRACT OF THE DISCLOSURE

A technique for establishing a perimeter of accountability for usage of digital
5 assets such as data files. The accountability model not only tracks authorized users'
access to files, but monitors passage of such files to uncontrollable removable storage
media or through network connections and the like which may indicate possible abuse
of access. In accordance with a preferred embodiment, an autonomous independent
agent process running at a point of use, such as in the background of a client operating
10 system kernel, interrupts requests for access to resources. The agent process senses low
level system events, filters, aggregates them, and makes reports to a journaling server.
The journaling server analyzes sequences of low level events to detect when aggregate
events of interest occur, such as "FileEdit", network file transfers and the like. Reports
can be generated to provide an understanding of how digital assets have been accessed,
15 used or communicated by individuals in an enterprise.